

## BYTE BANDITS OF AMERICA COMPUTER CLUB

WE RECIEVED A LETTER AND A NEWSLETTER FROM A TRS-80 CLUB IN B.C. CANADA. THEY WISH TO EXCHANGE NEWS ITEMS ECT. THE "COMPUTER CURRENTS" MAGAZINE FORWARDED THEIR LETTER TO OUR CLUB. IT'S NICE TO HAVE BEEN REMEMBERED BY OUR LOCAL COMPUTER MAGAZINES. I WROTE THEM A THANK-YOU RESPONCE LETTER AND SENT OUR NEWSLETTER UP NORTH. THEY SEEM TO BE A MODEL 4 COMPUTER USER GROUP. I ALSO PUT A FEW OF THEIR NEWS ARTICALS IN OUR NEWSLETTER THIS MONTH.

## ..... SWAP MEETS .....

MAY 30                      saterday only

JUNE 27                    10 am---5pm    SANTA CLARA FAIR GROUNDS

I HAVE FIVE GUEST PASSES SHOULD YOU WISH TO GO.....

JUNE 4                    LOCKHEED    BLDG. 149

4pm--6pm                thursday

## ..... GOOD-BYE BOB .....

BOB WHEELER HAS SWITCHED TO THE BRAND X COMPUTERS AND HE WONT BE SERVIC-  
ING OUR TANDY TRS-80 MACHINES ANY LONGER. HE DEDICATED TIME FROM 1978-  
til 1987 TO KEEPING ALL OUR MACHINES UP AND RUNNING. NOW, PEER PRESURE  
HAS SUSCEEDED INTO HIS BEING STRAIGHT I.B.M.REPAIRS ONLY. I GUESS THAT  
SINCE HE WORKS FOR THEM, HE SHOULD DEVOTE SOME TIME TO THEIR WONDERFUL  
WORLD OF COMPUTERS. THANKS, BOB FOR ASSISTING ALL OF US THRU OUR TROUBLES  
IN TANDY LAND. BY THE WAY.....BOB HAS TWO MODEL I MACHINES FOR SALE.

\$50.00                    model I    16 k memory                tape system

\$200.00                   model I    48 k memory-expansion interface-rs232 card and  
data doubler card

buy them, its the least we can do for a guy that fixed our machines  
instantly and with great expertise.

## ..... DRIVE CLEANERS .....

AL NETZKE BROUGHT US SOME 8"and 5" DISK DRIVE CLEANING DISKS AT OUR  
LAST MEETING ON THE 2nd. SATERDAY MEETING. SHOULD YOU NEED YOUR DRIVES  
CLEANED, BRING THEM TO THE MEETINGS.

## ..... TANDY 1000 P.C. DOS .....

DO NOT FORGET THIS: TANDY 1000 USERSMAY OPERATE P.C. DOS ON THEIR  
MACHINES. M.S.DOS WONT OPERATE IN YOUR TANDY 1000 MACHINES. NEITHER  
WILL THE M.S. DOS PROGRAMS.

## ..... BUGS; MODELS 3 and 4 .....

IN BASIC, ON THE COMPUTERS A PRINT @ STATEMENT WILL ERASE THE LINE  
DIRECTLY BELOW THE PRINT @ LINE. BY PLACING A SIMI COLON AT THE END OF EACH  
PRINT ?

PRINT@ STATEMENT WILL ELIMINATE THE POSSABILITY OF THIS HAPPENING.

.....NEW PROGRAMS.....

THE CLUB WENT ON A SHOPPING SPREE AT THE RADIO SHACK COMPUTER CENTER ON S. BASCOM. WE OBTAINED ABOUT 20 PROGRAMS FOR THE CLUB. THE STORE HAS A LARGE QUANTITY OF SOFTWARES THAT ARE BEING SOLD VERY CHEAP. YOU SHOULD INCREASE YOUR OWN COLLECTION BY VISITING THEM AND BUYING WHAT YOU NEED. ALL TYPES, MODELS I II III 4 4p 1000 12 100 ect.

.....NEW PARTS.....

YOU CAN STILL OBTAIN NEW PARTS FOR YOUR MODEL I COMPUTERS. "AEROCOMP" ADS STILL CARRY UPGRADES AND DRIVE KITS AND RS232 BOARDS FOR YOUR MODEL I COMPUTERS. IT IS NICE TO KNOW THAT SOMEBODY STILL CARES.....

.....QUICK PRO+IT.....

THE CLUB ALSO ORDERED A PROGRAM CALLED QUICK PRO+II FOR THE MODEL III AND THE IBM COMPATIBLES COMPUTERS. THIS PROGRAM IS THE LAZY WAY TO PROGRAM AND FUNCTIONS AS A DATA BASE. ALL YOU HAVE TO DO IS FILL IN THE QUESTIONS AND PRESTO YOU HAVE THE PROGRAM YOU WERE NEVER ABLE TO MAKE.....I HOPE YOU REALLY DONT BELIEVE ME. IT MAY BE HERE FOR THE NEXT SATURDAY MEETING?

.....HELP.HELP.HELP.....

I WOULD LIKE TO RE INVENTORY ALL THE DISKS IN OUR LIBRARY THRU A DISK MANAGER PROGRAM. IT TAKES A LOT OF TIME BUT IT WOULD GIVE US A UP DATE IDEA OF WHAT WE ALL HAVE TO FUNTION WITH AT THE CLUB HOUSE. SHOULD ANY OF YOU HAVE SOME SPARE TIME I COULD USE SOME HELP. I ALSO WOULD LIKE TO HAVE SOME HELP IN AN ARTISTIC WAY IN CREATING A BETTER COVER FOR OUR NEWSLETTER AND A FEW OTHER PASS OUT PAPERS WE USE.

I WOULD ALSO WISH TO HAVE SOME ONE TO HELP TO UP LOAD MORE OF OUR TRS PROGRAMS TO THE BBS. TH IS ALL TAKES TIME THAT ONE OR MORE PERSONS COULD DO IN ABOUT 4 OR 5 HOURS OF THEIR SPARE TIME SOME EVENING OR ON A WEEK END. CALL BEFORE YOU COME OVER SO ILL KNOW AHEAD OF TIME THAT YOUR COMING.

## **\*\* Allwrite tip #2 \*\***

Art. by K. Mohr

Here's a couple more hints for Allwrite users:

The Radio Shack DMP-2100P printer has an "IBM" character set that is not directly supported by Allwrite. However, it can be accessed by sending the proper control codes to the printer using the ";SY@" control word. For example, to switch to the "IBM" character set (which, by the way, differs from the "TANDY" character set only for ASCII codes 128 decimal and above), you can use the following Allwrite command:

`;SY@ 27,58`

You would substitute the codes 27,59 to switch back to the "Tandy" mode. This works fine as long as you are using a monospace pitch, but if you are using a proportional font, you'll run into trouble because the character widths are not the same and the line will not right justify properly. There is a way to make Allwrite use the correct character widths, and the method might be useful for those with printer that can use downloadable fonts as well.

First, you must create a new character width table for Allwrite to use. To do this, COPY an existing TAB file (one of the ones that came on your master Allwrite disk, NOT one of the ones created when you ran the ALINSTAL/CMD program) to another file with a unique filename and a "/TAB" extension - for example:

`COPY ORATORPR/TAB TO XYZ/TAB`

Using a disk zapping program, call up file relative sector zero of the file that you've just created. Ignore byte 00. Starting at byte 01 is a translation table for ASCII character 1 through 255 (the pattern will be obvious when you actually look at the table). Look it over to see that all characters that your printer can handle have the proper byte in this table, and if there are any character that your printer does NOT want to see (such as ASCII characters 127 through 159 in the DMP-2100) you may change them to some other character such as a space.

Now we'll get down to business. Advance to File Relative Sector 1, and once again ignore byte 00. Starting at byte 01, you will be putting in the width of the characters. Byte 01 is the start of a table of widths for ASCII characters 32 through 255 (20H-FFH). In other words, byte 01 contains the width of the ASCII 32 (space) character, byte 02 contains the width of the ASCII 33 ("!") character, and so on. The widths themselves are the actual width PLUS 40H.

Thus, if your printer manual (or whatever reference you are using) says that the width of a space character is 9 ("dot spaces" or "incremental units" or "points", or whatever terminology your printer manufacturer uses) then you would zap a value of 49H (9 plus the 40H offset) into byte 01 of file relative sector 2. You'd place the width of the exclamation point character ("!") (plus 40H, of course) into byte 03, and so on. One note of caution - your printer manual will probably give the character widths in decimal, but your disk zap program will probably expect values in hexadecimal. So, you'll need to convert the widths to hexadecimal, add 40H, and use that as the zap value.

The DMP-2100P actually has TWO "IBM" character sets - one in courier font and the other in Elite font. When you select the "IBM" character set, you get the one that corresponds to the "TANDY" character set that you were last using (in other word, if you were using the "Tandy" Elite Proportional character set and you switched to the "IBM" character set, you'd automatically get the "IBM" Elite proportional character set). When you create your new /TAB file, be sure to use the correct widths for the character set size you want to use. If you want to use BOTH the "IBM" Courier and Elite character sets, you will need to create TWO new /TAB files, one for each character set.

Once you've created the new width table, here's how you use it. First of all, at the top of your Allwrite document (AFTER any ";XT" control words that you may be using), use the ";WT" control word to inform Allwriter that you are going to use an external width table (see Allwrite Manual

for explanation).

Use a command similar to this:

```
;WI X,XYZ/TAB
```

Then, when you wish to change to the "IBM" character set, you must use two Allwrite control words, as follows:

```
;PI X ;SY@ 27,58
```

The ";PI X" control word tell Allwrite to use the width table specified by the ";WT X,XYZ/TAB" command, while the ";SY" sequence actually tell the printer to switch to the "IBM" character set as specified above. When you want to return to the normal "Tandy" character set, you'd use the control words:

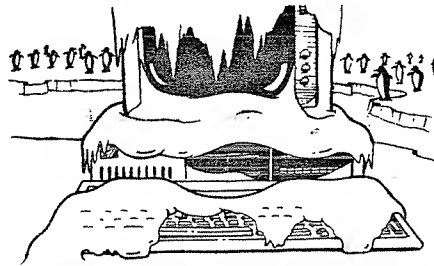
```
;PI 0 ;SY@ 27,59
```

"PI 0" tells Allwrite to use the regular "Tandy" proportional character set (you may wish to switch to some other pitch, in which case you should use the appropriate variation of the ";PI" control word) and the "SY" sequence actually commands the printer to resume using the "Tandy" character set.

It should be noted that neither the ";PI" control words nor the ";SY@" control words cause a text break, thus the "Tandy" and "IBM" character sets can be mixed within the same line. If you WANT to force a text break, you'll have to add a ";BR" control word.

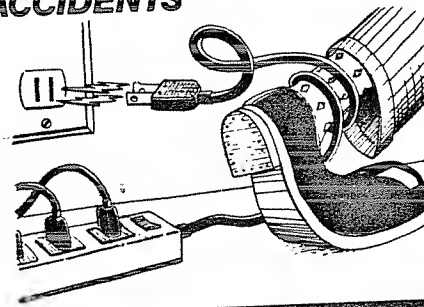
A final note of caution - character widths given in printer manuals should not be totally relied upon. They sometimes lie! Do some test printing and watch for justification errors, and make adjustments as necessary!

## FROZEN KEYBOARD



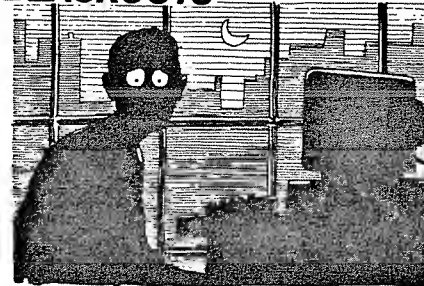
When the keyboard freezes up you've got to reboot—and you can't even save first. But with BOOKMARK, work is already saved.

## ACCIDENTS



BOOKMARK protects you against loss of work and time due to unexpected incidents.

## BLACKOUTS



Work in progress, up to the previous BOOKMARK placement, is safe!

## FORGETFULNESS



You can even power down without saving and not lose more than a few moments' worth of work!

## **.Tandy Bulletin 1635-01 for Model 4 Profile4+**

**.Date april 11,1985. Upgrades to VER 1.00.01**

This is a /JCL file and you can type it in exactly as it looks. Don't leave spaces as you are typing unless you are sure that the original was a space. This article is a product bulletin so I don't know how accurate it is. Of course, Radio Shack is never wrong anyway are they?

//pause mount backup of profile 4 runtime disc

```
PATCH EFCA/CMD (X'61BE'=00 00 00)
PATCH EFCA/CMD (X'61C4'=C3 E2 61)
PATCH EFCA/CMD (X'61D3'=CA DA 61)
PATCH EFCA/CMD (X'61D9'=C9 E1 C3 9C 62 00
00 00 00 CC A4 62)
PATCH EFCA/CMD (X'61EC'=00)
PATCH EFCA/CMD (X'61F0'=CC)
PATCH EFCA/CMD (X'61F3'=C3 40 6F)
PATCH EFCA/CMD (X'62E3'=FE 00)
PATCH EFCA/CMD (X'6F40'=2A CD 52 23 22 CD
52 CD C7 61 21 95 7D C3 F6 61)
```

.patch file to bring profile 4 plus to ver 1.00.03

.tandy bulletin 1653-13 mod 4 profile 4+  
.date may 24,1985 ver 1.00.01

.solves problem of extended math calculations adding one field to another even though the first field is not in the formula.

```
patch efc9/cmd (x'6ff0'=21 3B 88 3A 4D 8A 85
6F C9)
patch efc9/cmd (x'8a04'=CD F0 6F)
patch efc9/cmd (x'8a23'=CD F0 6F)
patch efc9/cmd (x'8a3e'=01)
```

## **SYSTEM CRASH**



*System crashes used to mean complete loss of data in memory, but not any more.*

patch rm/cmd (x'707e'=30 32)

.tandy bulletin 1653-15 for model 4 profile 4+  
.date may 27 1985 profile ver 1.00.02

.problem: when deleting records multiple deletions may occur.

. while in inquire,update,add pressing a number to go to

. another screen will send you to TRS-DOS

. using shift@ does not copy all 255 characters from one

. record to another while in add mode

patch efc9/cmd (x'89c2'=2A 82 8B 2B 22 82 8B 3E FF 77 00 B7 C9)

patch efc9/cmd (x'8c68'=ff 03)

patch efc9/cmd (x'f8c5'=C3 97 FC)

patch efc9/cmd (x'fc96'=C9 E1 D1 2C 7D FE 50 C2 C8 F8 24 2E 00 C3 C8 F8)

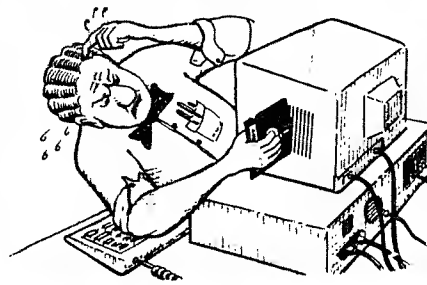
patch rm/cmd (x'707E'=30 33)

//PAUSE mount BACKUP of Profile 4+ Creation disc in drive 1

PATCH CM/CMD (X'707E'=30 33)

//exit

## **NOVICE MISTAKES**



*Novices can't possibly go wrong when everything's already saved.*



4TH WED...MEETING...1987

JAN. DISK OPERATING SYSTEM-SYSTEMS

FEB. PROGRAMS TRANSFERING

MAR ELECTRICAL PROTECTION 110V

APR MODEM PROTOCOLS

MAY UPGRADING YOUR COMPUTER

JUN COMPUTER PREVENTIVE MAINT.

JUL PRINTERS-PROBLEMS ECT.

AUG BASIC PROGRAMING

SEP COMPUTER LANGUAGES

OCT COMPUTER ACCESSORIES ECT.

NOV CLUB REVIEW 1987

DEC NEW PRODUCTS- REVIEW

THIS MEETING IS A ROUND TABLE DISCUSSION OF  
THE SUBJECT OF THAT MONTH.... COME AND HELP  
THE DISCUSSION WITH YOUR KNOWLEDGE OR YOUR  
PROBLEMS.....

MEETINGS:

2ND SAT.....1PM WORKSHOP

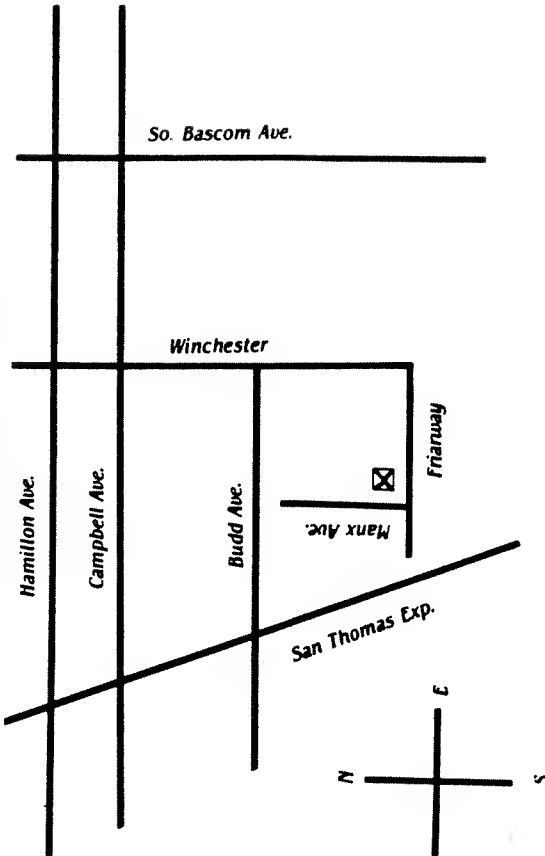
4TH WED.....7PM LECTURE

NOTES:

1. MEMBERSHIP REQUIRED
2. GUESTS..BY APPOINTMENT ONLY

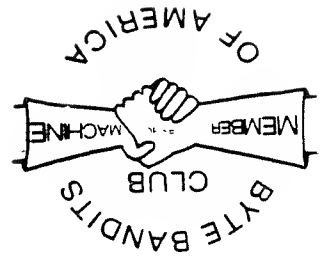
INFORMATION...CALL 408-379-2774

B.B.S.....CALL 408-374-3974



This club has been established to provide its members total computer knowledge using "hands-on" application during the meetings. For better understanding of existing hardware and software in an informal—social club atmosphere.

We hope to provide members close contact between novice and amateur home computer enthusiasts; young and old, male and female, school, home, business and hobbyist.



Byte Bandits of Amer.  
TRS-80's Computer Club  
780 Main Ave.  
Campbell, CA 95008

